



74872-94 Sequence listing 28-08-03 v2
SEQUENCE LISTING

<110> Shire Biochem Inc.

<120> PHARMACEUTICAL LIPOSOMAL COMPOSITIONS CONTAINING N.MENINGITIDIS DERIVED
POLYPEPTIDES OR POLYNUCLEOTIDES

<130> 74872-94

<150> US 60/406,980

<151> 2002-08-30

<160> 32

<170> PatentIn version 3.2

<210> 1

<211> 525

<212> DNA

<213> N. meningitidis strain 608B

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ggttctgcca aaggcttcag cccgcgcata tccgcaggct accgcatcaa cgacctccgc 180
ttcggcgctcg attacacgcg ctacaaaaac tataaagccc catccaccga tttcaaactt 240
tacagcatcg gcgcgtccgc catttacgac ttcgacacccc aatgcggcgt caaaccgtat 300
ctcggcgccg gcttgaggct caaccgcgccc tccgtcgact tgggcggcag cgacagcttc 360
agccaaacct ccatcggcct cggcgtattt acgggcgtaa gctatgcgt taccccaat 420
gtcgatttgg atgcccggcta cgcctacaac tacatcgca aagtcaacac tgtcaaaaac 480
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<213> N. meningitidis strain 608B

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Ala Leu Ala Glu Gly Ala Ser Gly Phe Tyr Val Gln Ala Asp Ala Ala
20 25 30

His Ala Lys Ala Ser Ser Ser Leu Gly Ser Ala Lys Gly Phe Ser Pro
35 40 45

Arg Ile Ser Ala Gly Tyr Arg Ile Asn Asp Leu Arg Phe Ala Val Asp
50 55 60

74872-94 Sequence listing 28-08-03 v2

Tyr Thr Arg Tyr Lys Asn Tyr Lys Ala Pro Ser Thr Asp Phe Lys Leu
65 70 75 80

Tyr Ser Ile Gly Ala Ser Ala Ile Tyr Asp Phe Asp Thr Gln Ser Pro
85 90 95

Val Lys Pro Tyr Leu Gly Ala Arg Leu Ser Leu Asn Arg Ala Ser Val
100 105 110

Asp Leu Gly Gly Ser Asp Ser Phe Ser Gln Thr Ser Ile Gly Leu Gly
115 120 125

Val Leu Thr Gly Val Ser Tyr Ala Val Thr Pro Asn Val Asp Leu Asp
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74872-94 Sequence listing 28-08-03 v2

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74872-94 Sequence listing 28-08-03 v2

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74872-94 Sequence listing 28-08-03 v2

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74872-94 Sequence listing 28-08-03 v2

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74872-94 Sequence listing 28-08-03 v2

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